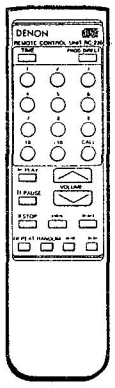
DENON

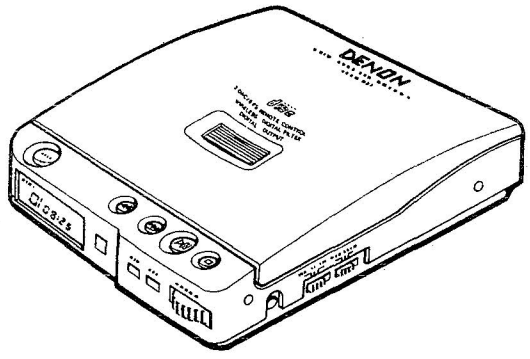
Hi-Fi Component

MANUAL

MODEL DCP-150

PORTABLE CD PLAYER





NIPPON COLUMBIA CO., LTD.

SPECIFICATIONS

- **AUDIO**

No. of channels:	2 channels
Frequency response:	20 Hz ~ 20 kHz
Dynamic range:	97 dB
S/N ratio:	98 dB
Harmonic distortion:	0.006% (1 kHz)
Wow & flutter:	Below measurable limits (±0.001% W. peak)
Output voltage:	LINE OUT jack: 3.5 mm dia. stereo mini jack 0.7 V (when using batteries) 1.4 V (when using AC adaptor or car adaptor)
Filter:	8-times oversampling digital filter

- **USABLE DISCS**

Compact discs	Diameter: 120 mm/80 mm

- **PICKUP**

Type:	Driven objective lens type optical pickup
Objective lens driving:	2-dimensional parallel driving
Optical source:	Semiconductor laser
Wavelength:	780 nm

- **POWER SUPPLY, ETC.**

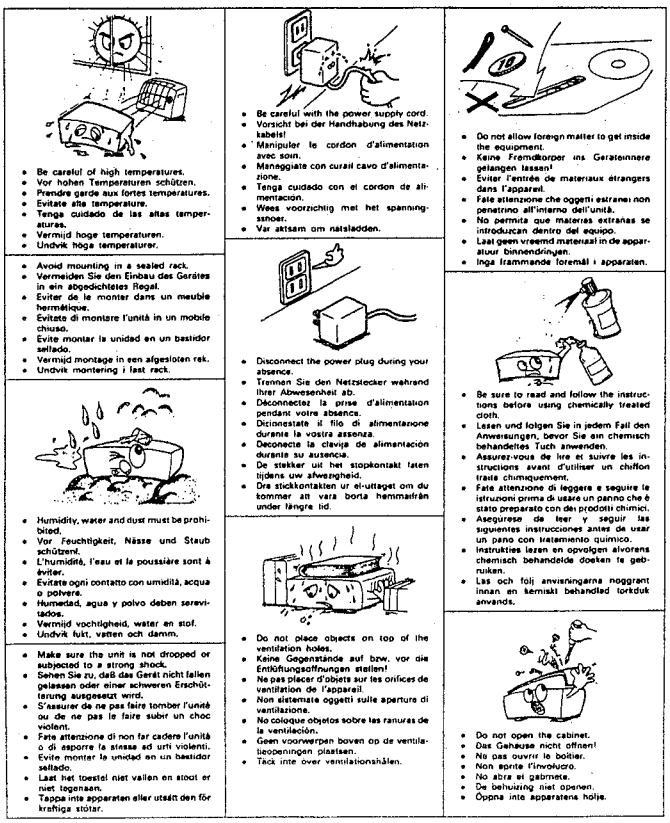
Power supply:	The voltage rating of the AC power adaptor (supplied) varies depending on the country of destination. 12V car battery by connecting car adaptor (sold separately)
Power consumption:	1.8 W
External dimensions:	136 (W) × 37 (H) × 167 (D) mm (5-23/64" × 1-29/64" × 6-37/64")
Weight:	690 g (approx. 1 lb 8 oz)

- **Remote Control Unit** RC-236

Remote control system:	Infrared pulses
Power source:	DC3V, two R6P/AA (SUM 3) batteries
External dimensions:	48 (W) × 177 (H) × 18 (D) mm (1-57/64" × 6-31/32" × 45/64")
Weight:	100 g (including batteries) (approx. 3.5 oz)

* Specifications and contents are subject to change without notice for purposes of improvement.

NOTE ON USE/HINWEISE ZUM GEBRAUCH/OBSERVATIONS RELATIVES A L'UTILISATION
NOTE SULL'USO/NOTAS SOBRE EL USO/ALVORENS TE GEBRUIKEN/OBSERVERA


• Be careful of high temperatures.
• Vor hohen Temperaturen schützen.
• Prendre garde aux fortes températures.
• Evitate alte temperature.
• Tenga cuidado de las altas temperaturas.
• Vermijd hoge temperaturen.
• Undvik höga temperaturer.
• Avoid mounting in a sealed rack.
• Vermeiden Sie den Einbau des Gerätes in ein abgedichtetes Regal.
• Eviter de le monter dans un meuble hermétique.
• Evitate di montare l'unità in un mobile chiuso.
• Evite montar la unidad en un bastidor sellado.
• Vermijd montage in een afgesloten rek.
• Undvik montering i fast rack.
• Humidity, water and dust must be prohibited.
• Vor Feuchtigkeit, Nässe und Staub schützen!
• L'humidité, l'eau et la poussière sont à éviter.
• Evitate ogni contatto con umidità, acqua o polvere.
• Humedad, agua y polvo deben serevitados.
• Vermijd vochtigheid, water en stof.
• Undvik fukt, vatten och damm.
• Make sure the unit is not dropped or subjected to a strong shock.
• Sehen Sie zu, daß das Gerät nicht fallen gelassen oder einer schweren Erschütterung ausgesetzt wird.
• S'assurer de ne pas faire tomber l'unité ou de ne pas le faire subir un choc violent.
• Fate attenzione di non far cadere l'unità o di esporre la stesse ad urti violenti.
• Evite montar la unidad en un bastidor sellado.
• Laat het toestel niet vallen en stoot er niet tegenaan.
• Tappa inte apparaten eller utsätt den för kraftiga stötar.
• Be careful with the power supply cord.
• Vorsicht bei der Handhabung des Netzkabels!
• Manipuler le cordon d'alimentation avec soin.
• Maneggiate con curail cavo d'alimentazione.
• Tenga cuidado con el cordon de alimentacion.
• Wees voorzichtig met het spanningsnoer.
• Var aktsam om nätsladden.
• Disconnect the power plug during your absence.
• Trennen Sie den Netzstecker wahrend Ihrer Abwesenheit ab.
• Déconnectez la prise d'alimentation pendant votre absence.
• Ditinnestate il filo di alimentazione durante la vostra assenza.
• Desconecte la clavija de alimentación durante su ausencia.
• De stekker uit het stopkontakt laten tijdens uw afwezigheid.
• Dra stickkontakten ur el-uttaget om du kommer att vara borta hemmaifrån under längre tid.
• Do not place objects on top of the ventilation holes.
• Keine Gegenstände auf bzw. vor die Entlüftungsoffnungen stellen!
• Ne pas placer d'objets sur les orifices de ventilation de l'appareil.
• Non sistemate oggetti sulle aperture di ventilazione.
• No coloque objetos sobre las ranures de la ventilación.
• Geen voorwerpen boven op de ventilatieopeningen plaatsen.
• Täck inte over ventilationshålen.
• Do not allow foreign matter to get inside the equipment.
• Keine Fremdkörper ins Geräteinnere gelangen lassen!
• Eviter l'entrée de materiaux étrangers dans l'appareil.
• Fate attenzione che oggetti estranei non penetrino all'interno dell'unità.
• No permita que materias extrañas se introduzcan dentro del equipo.
• Laat geen vreemd materiaal in de apparatuur binnendringen.
• Inga främmande föremål i apparaten.
• Be sure to read and follow the instructions before using chemically treated cloth.
• Lesen und folgen Sie in jedem Fall den Anweisungen, bevor Sie ein chemisch behandeltes Tuch anwenden.
• Assurez-vous de lire et suivre les instructions avant d'utiliser un chiffon traité chimiquement.
• Fate attenzione di leggere e seguire le istruzioni prima di usare un panno che è stato preparato con dei prodotti chimici.
• Asegúrese de leer y seguir las siguientes instrucciones antes de usar un pano con tratamiento quimico.
• Instructies lezen en opvolgen alvorens chemisch behandelde doeken te gebruiken.
• Las och följ anvisningarna noggrant innan en kemiskt behandlad torkduk används.
• Do not open the cabinet.
• Das Gehäuse nicht öffnen!
• Ne pas ouvrir le boîtier.
• Non aprite l'involucro.
• No abra el gabinete.
• De behuizing niet openen.
• Öppna inte apparatens hölje.

IMPORTANT (BRITISH MODEL ONLY)

The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral Brown: Live

The colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

"CLASS 1 LASER PRODUCT"

ADVARSEL: USYNLIG LASERSTRÅLING VED ÅBNING UNDGÅ UDSAETTELSE FOR STRÅLING.

VAROITUS: LAITTEEN KÄYTTÄMINEN MUULLA KUIN TÄSSÄ KÄYTTÖOHJEESA MAINITULLA TAVALLA SAATTAA ALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1 YLITTÄVÄLLE NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE.

VARNING: OM APPARATEN ANVÄNDS PÅ ANNAT SÄTT ÄN I DENNA BRUKSANVISNING SPECIFICERATS, KAN ANVÄNDAREN UTSÄTTAS FÖR OSYNLIG LASERSTRÅLNING, SOM ÖVERSKRIDER GRÄNSEN FÖR LASERKLASS 1.

IMPORTANT
(CANADIAN MODEL ONLY)

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus setout in the Radio Interference Regulations of the Canadian Department of Communication.

For lens cleaning, use of the blower brushes readily available for cameras and carefully wipe the lens.
To clean the cabinet, wipe with a soft cloth. When very dirty, moisten the cloth with a little water and then wipe.

Verwenden Sie für die Reinigung der Linse die im Handel für Kameras erhältlichen Kamerabürsten und wischen Sie die Linse behutsam ab.
Wischen Sie es zur Reinigung des Gehäuse mit einem weichen Tuch ab. Ist das Gehäuse stark verschmutzt, feuchten Sie das Tuch mit ein wenig Wasser an, und wischen Sie es dann ab.

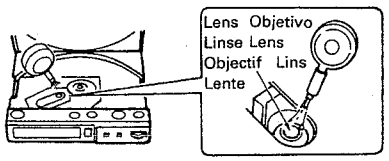
Pour le nettoyage de l'objectif, utiliser les brosses soufflantes disponibles pour les caméras et essuyer délicatement l'objectif.
Pour nettoyer le coffret, l'essuyer avec un chiffon doux. Lorsqu'il est très sale, mouiller le chiffon avec un peu d'eau et l'essuyer ensuite.

Usate una spazzola apposita per macchinette fotografiche per la pulizia della lente e strofinatela attentamente.
Per pulire l'involucro, strofinatelo con un panno morbido. Qualora fosse molto sporco, inimidite il panno in un po' di acqua e strofinate quindi la superficie.

Para la limpieza del lente, emplee pinceles sopladores para cámaras fotográficas. Limpie cuidadosamente el lente.
Para limpiar el gabinete, use un paño suave. Cuando esté demasiado sucio, humedezca el paño con un poco de agua.

Voor het reinigen van de lens, de lensdoekjes gebruiken die in de verkoop zijn voor kamera's, en de lens zorgvuldig hiermee schoonvegen.
De kast schoonmaken met een zacht doekje. Bij hardnekkig vuil, het doekje bevochtigen met een beetje water en daarna de kast hiermee schoonvegen.

Använd en luftborste av den typ som säljs för kameror för att göra rent linsen. Borsta linsen försiktigt.
Höljet görs rent med en mjuk trasa. Är höljet mycket smutsigt kan trasan fuktas i lite vatten före torkningen.



The DCP-150 uses a semiconductor laser.
- CD players use semiconductor lasers. To guarantee stable operation, we recommend using the player at a temperature of between 5° to 35°C (41° to 95°F).

Der CD-Spieler DCP-150 ist mit einem Halbleiter-Laser versehen.
- Für CD-Spieler werden Halbleiter-Laser verwendet. Für die Sicherstellung eines stabilen Betriebes empfehlen wir, daß der CD-Spieler bei einer Temperatur zwischen 5° bis 35°C (41° bis 95°F) verwendet wird.

Le DCP-150 utilise un laser à semiconducteur.
- Les lecteurs de CD utilisent des lasers à semi-conducteur. Pour garantir un fonctionnement stable, il est recommandé d'utiliser le lecteur à une température située entre 5° et 35°C (41° et 95°F).

Il DCP-150 utilizza un laser semiconduttivo.
- I lettori CD utilizzano dei laser semiconduttivi. Per garantire un funzionamento stabile, vi raccomandiamo di usare il lettore ad una temperatura da 5° a 35°C (da 41° a 95°F).

El DCP-150 utiliza un semiconductor láser.
- Los reproductores CD emplean semiconductores láser. Para garantizar una operación estable, le recomendamos emplear el reproductor dentro de un margen de temperatura de 5° a 35°C (41° a 95°F).

De DCP-150 maakt gebruik van een halfgeleider laser.
- Kompakt diskspelers maken gebruik van halfgeleider lasers. Om verzekerd te zijn van een stabiele werking bevelen wij een bedrijfstemperatuur voor werking van de speler van tussen de 5° en 35°C aan.

Halvledarlasern i DCP-150.
- I CD-spelare används halvledarlasrar. För garanterat stabil drift rekommenderar vi att spelaren endast används vid temperaturer mellan 5° och 35°C.

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IMPORTANT
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1 FEATURES

The DCP-150 is a portable CD player designed to offer Denon's quality sound.

(1) 8 times oversampling digital filter
The use of an 8-times oversampling digital filter makes for excellent sound quality.

(2) Preset equalizer
The preset equalizer makes it possible to select the desired setting for the headphones.

(3) Standard remote control unit
The DCP-150 comes with a remote control unit (RC-236), so it can be operated from a distance.

(4) Compatibility with 8 cm CD singles
8 cm CD singles can be played without using an adaptor.

(5) Suede-type finish
The DCP-150 uses a suede-type finish with a luxury look and a nice touch.

2 NOTES

Please check to make sure the following items are included with the main unit in the carton:

1 Operating Instructions 1
2 Warranty Card 1
3 Connecting Cord 1
4 Remote Controller (RC-236) 1
(Attached R6P/AA Batteries 2 pcs)
5 Carrying Case 1
6 AC adaptor 1

NOTE:
This unit may cause interference to radio and television reception if you do not operate it in strict accordance with this OPERATING INSTRUCTIONS.

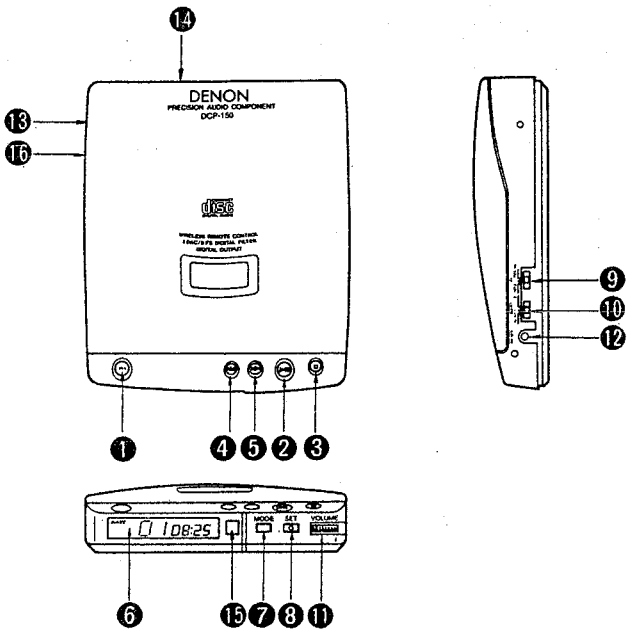
This unit complies with Class B computing device rules in accordance with the specifications in Sub-part J or Part 15 of the FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. If the unit does cause interference to any radio or television reception, try to reduce it by one or more of the following means:

a) Turn the other unit to improve reception
b) Move this unit
c) Move this unit away from others
d) Plug this unit respectively into a different AC outlet

*** This note is in accordance with Section 15.838 of the FCC Rules.**

CAUTION!
• **Only models on which there is a voltage selector on the AC adaptor.**
This equipment is provided with a line voltage selector.
Before inserting the power plug, please check if this voltage corresponds with the line voltage in your area.
If it does not, be sure to adjust the voltage selector switch to the proper setting before operating this equipment.
The voltage selector switch is located on the top of the power supply unit. Simply insert a screw into the voltage selector switch and turn it in either direction.
Damage to equipment due to voltage selector missetting is not within the limits of DENON liability.

3 PART NAMES AND FUNCTIONS



❶ Open button (OPEN)
- Press this button to open the top cover.
- The player is automatically set to the stop mode.

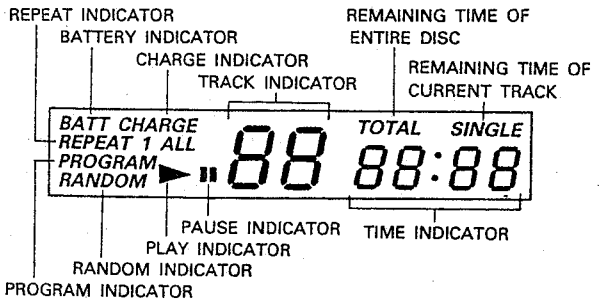
❷ PLAY/PAUSE button (▷II)
- Use this button to start and pause playback.
  When pressed while the power is off, the power turns on, the ▶ indicator lights, and the number of the track currently playing and its elapsed playing time are displayed.
- Once the last track is played, the ▶ indicator turns off and the stop mode is set.
- When pressed during playback, the II indicator lights and playback is paused.
- Press the button once again to cancel the pause mode.

❸ Stop button (□)
- Press this button to stop playback.
- When pressed, the disc stops turning, the display turns off, and the player is set to the stop mode.
- The power turns off after the player is set to the stop mode.
- When using on batteries, the remote control unit will stop functioning three minutes after the power is turned off.

❹ Reverse button (I◀◀)
- Press this button to search for the beginning of previous tracks.
- The pickup moves back the number of tracks equal to the number of times this button is pressed during the playback or pause mode.
- If this button is held in for more than 0.5 seconds during playback, the manual reverse mode is set and the disc is reversed at high speed.

❺ Forward button (▶▶I)
- Press this button to search for the beginning of following tracks.
- The pickup moves forward the number of tracks equal to the number of times this button is pressed during the playback or pause mode.
- If this button is held in for more than 0.5 seconds during playback, the manual forward mode is set and the disc is forwarded at high speed.

❻ Display window
- The display window displays such information as the track numbers and the playing time.



❼ Mode button (MODE)
- Use this button to switch between the repeat, random, and programmed play modes.

❽ Set button (SET)
- This button is used to select the desired indication on the TIME display. The indication on this display will change each time the button is pressed.
  Normally, the elapsed playback time of the current track is displayed.
  Pressing the button once, SINGLE is displayed and the remaining time of the current track is displayed.
  Pressing once more, TOTAL is displayed, and total playing time of remaining tracks is displayed. However, when programmed play is in progress, the total remaining time of the program is displayed.
  Press the button once again to return to the normal display of the elapsed playback time of the current track.
- The track currently displayed is programmed when this button is pressed during the program input mode.

❾ Hold/Resume switch (HOLD/RESUME)
- When this switch is set to the HOLD position, only the OPEN and SET buttons and preset equalizer switch will function, preventing accidental operation. (The remote control unit will operate.)
- The resume function operates when the switch is set to the RESUME position.

❿ Preset equalizer switch (NORM, BOOST 1, 2)
- Use this switch to select one of three equalizer settings for the headphones.
- Boost 1 emphasizes bass, and Boost 2 emphasizes bass and treble.

⓫ Volume control (VOLUME)
- Use this control to adjust the volume of the headphones.

⓬ Headphones jack (PHONES)
- Use 3.5 mm mini-plug type stereo headphones.

⓭ Line out jacks (LINE OUT)
- Use these jacks to connect the DCP-150 to a Hi-Fi amplifier in your home or to a car audio system.

⓮ DC IN JACK
- External power supply jack (DC IN 6V).

⓯ Remote control unit sensor
- This sensor receives signals from the included remote control unit (RC-236).

⓰ Digital output jack (DIGITAL OUT)
- This jack outputs digital data.
- Signals are only output when using the AC adaptor (or separately sold car adaptor).

CAUTION
DIGITAL OUT jack:
- Remove the cap from the jack, and connect it to an audio component equipped with a digital input jack using an adaptor plug (ϕ3.5 mm monaural plug/pin plug) and a 75 ohms pin cord.

- Keep the cap on when not using the jack.
- Never connect the DIGITAL OUT jack to an analog input on an amplifier, as this could damage the amplifier or speakers.
- Do not connect stereo plugs to the digital out jack.

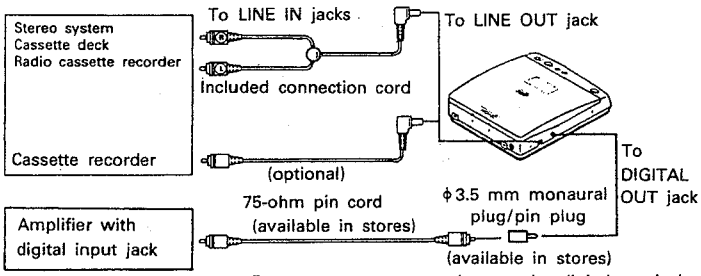
LINE OUT jack:

- The output voltage of the LINE OUT jack is 1.4V when using the AC adaptor (or separately sold car adaptor).
- The output voltage of the LINE OUT jack is 0.7V when using on the batteries.
- Do not connect or disconnect the AC adaptor (or separately sold car adaptor) when sound is being output from the LINE OUT jack.

4 CONNECTION

Connecting Other Equipment

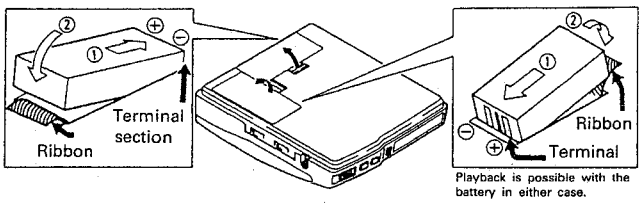
To listen with speakers or to record:



Do not connect stereo plugs to the digital out jack.

NOTES:

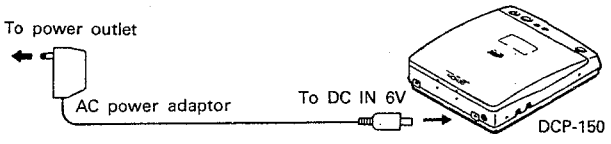
- Be sure to turn off the power of all components before making connections.
- Connect the white plug of the included connection cord to the left (L) channel, the red plug to the right (R) channel.
- Do not connect the LINE OUT jacks to the PHONO jacks on an amplifier.
- Insert the plugs securely. Incomplete connections can cause noise.
- If the player causes interference in a nearby radio or tuner, either move it away or turn off the power.



- Extend the ribbon outside the case when inserting the battery pack into the unit. If the ribbon is left inside, the battery pack becomes difficult to remove.

Charging

- Charge the rechargeable battery before using it for the first time. (There are two battery compartments on the bottom of the unit. The battery can be recharged in either of these compartments.)



"BATT" and "CHARGE" appear on the display when charging starts, and turn off once charging is completed.
For recharging one battery: Approximately 3 hours.
For recharging two batteries: Approximately 5 hours.

- The separately sold AP-10 battery charger is also available.
- When starting to charge in the stop mode, first set the batteries in the unit then insert the AC adaptor.

Playing Time

- One recharged battery: The unit will operate continuously for approximately 2 hours.
  Two recharged batteries: The unit will operate continuously for approximately 4 hours.

Cautions on Using Battery Pack

- Always use the included AC power adaptor when charging. Charging is not possible during playback.
- Do not expose the battery pack to flames.
- Do not short the battery terminals.

- Use the accompanying connection cord with the line output jack.
- The φ3.5 mm diameter monaural plug/pin plug adapter, which is connected to the digital output jack, accepts plugs with a maximum diameter of φ9 mm or less.

5 ABOUT COMPACT DISCS

(1) Cautions on handling compact discs

- Do not allow fingerprints, oil or dust on the surface of the compact disc. If the signal surface is dirty, wipe it off with a soft, dry cloth.
- Do not use benzene, thinner, water, record spray, electrostatic proof chemicals, or silicone-treated cloths to clean discs.
- Always use care when handling discs to prevent damaging the surface, in particular when removing discs from and setting them back in their cases.
- Do not bend compact discs.
- Do not apply heat to compact discs.
- Do not enlarge the hole in the center of the disc.
- Do not write on the labelled surface (printed surface) of the disc.
- Condensation will form on the disc surface if it is brought into a warm room from a cold place, such as outdoors in the winter. Wait until the condensation dries off. Never dry discs with hair dryers, etc.

(2) Cautions on storage

- After playing a disc, always remove it from the player.
- Always store discs in their cases to protect them from dust, scratches, warping, etc.
- Do not set discs in the following places:
  1. Places exposed to direct sunlight for long periods of time.
  2. Humid or dusty places.
  3. Places exposed to high temperatures, such as close to heaters, etc.

6 BATTERIES

Using Rechargeable Batteries

- One rechargeable battery is included with the DCP-150 set.
- This unit can use up to two rechargeable batteries.
  (The separately sold AP-11 rechargeable battery is available).

Setting the batteries

- Be careful not to sandwich the ribbon then closing the cover.

- When using two battery back units, be sure to use the battery pack that has been charged.
- Do not charge continuously for over 24 hours.
- Be sure to give the batteries a supplementary charge after using then regardless of whether they were used for a long or a short period. Do this also once every 6 months when the batteries have not been used. When the batteries are going to be used again, first charge them for about 30 minutes.
- Do not disassemble the battery pack. If the electrolyte (which contains sulfuric acid) should leak and get on your clothes or skin, either flush it with large quantities of water or neutralize it with ammonia water or sodium bicarbonate (baking soda).

Battery Pack Service Life

- Repeated charging and discharging shortens the operating time. Replace the battery pack if after charging it the operating time at normal temperatures drops to one half the original time.
- The SONY BP-2, BP-2EX battery packs can also be used.

Using a Household Outlet

- Use the included AC power adaptor.
  Connections are the same as when charging.

NOTE:

Use a Denon-recommended AC power adaptor (AA-8) or the equivalent.

Using in Cars

- Use a car adaptor (sold separately).

NOTE:

- Temperatures tend to be very high on the dashboard and inside closed cars. Do not keep the player in such places.
- When not using, disconnect the player from the cigarette lighter. Failure to do so may wear out the battery.
- Please use the specified adaptor when an adaptor is used to operate the unit from the car power supply. Use of an adaptor other than the specified one may result in the unit not operating at all, or generation of noise.

BATT Indicator

- The BATT indicator starts flashing during playback using batteries when the battery power gets low. If this happens, charge the batteries.

* It may not be possible to play discs which do not conform to compact disc standards (discs on which signals are recorded over an area greater than 116 mm, severely warped discs, etc.)

7 REGULAR PLAYBACK

First, follow the steps below to play a disc.

(1) Starting Playback

Load the disc and press the PLAY/PAUSE button (▷II). The power turns on and playback begins.

- The track number and elapsed time of the track being played are displayed.

(2) Stopping Playback

Press the Stop button (□).

- Once all tracks on the disc have been played, the stop mode is set automatically and the power is turned off.

NOTE:

- When using on batteries, the remote control unit will stop functioning three minutes after the power is turned off.
- The stop mode is set automatically and the power is turned off if no disc is loaded or if the disc is loaded upside-down. Load the disc properly.
- If the disc is dirty or scratched, the remaining time per track or the total remaining time may not be displayed.

(3) Listening While Searching ..... Manual Search

- With this function you can listen to the sound while skipping through the disc.
  This function comes in handy for searching for a certain part of a long number.
- Once you have found the desired part with the manual search operation, simply release the Search Forward button (▶▶I) or Search Reverse button (I◀◀) to resume normal playback.

1) Manual Search Forward

During playback, press and hold in the Search Forward button (▶▶I) to skip through the disc.

- The track number and elapsed time for the track through which you are skipping are shown on the display.
- If the manual search operation is done during the pause mode, the pickup will move about 3 times faster than during the play mode, but no sound will be heard.
- If the end of the last track on the disc is reached while you are holding the Search Forward button (▶▶I), "JJ" will appear on the display and the manual search operation will stop.
  To resume playback, press the Search Reverse button (I◀◀) until the "JJ" disappears, then do a different operation.

2) Manual Search Reverse

During playback, press and hold in the Search Reverse button (I◀◀) to skip through the disc.

- The display shows the same information as during the manual search forward operation.
- If the manual search operation is done during the pause mode, the pickup will move about 3 times faster than during the play mode, but no sound will be heard.

8 STARTING FROM A SPECIFIC PLACE

(1) Moving to the Next Track During Playback ..... Automatic Search

Press the Search Forward button (▶▶I) and release your finger within 0.5 seconds.

- You can move on to subsequent tracks by lightly touching the Search Forward button (▶▶I) again during the search operation.

(2) Returning to the Beginning of the Current Track During Playback

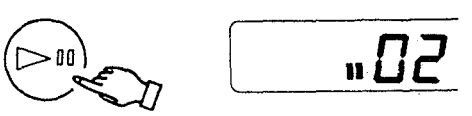
Press the Search Reverse button (I◀◀) and release your finger within 0.5 seconds.

- You can move on to preceding tracks by lightly touching the Search Reverse button (I◀◀) again during the search operation.

- If the automatic search operation is done during the pause mode, the pickup will pause at the beginning of the track.
- If the beginning of the first track on the disc is reached while you are holding the Search Reverse button (I◀◀), "CC" will appear on the display and the manual search operation will stop.
  To resume playback, press the Search Forward button (▶▶I) until the "CC" disappears, then do a different operation.

Stopping Playback Temporarily

- Press the PLAY/PAUSE button (▷II) during playback to stop temporarily.



To resume playback, press the PLAY/PAUSE button (▷II) again.

8 cm CD singles

- The DCP-150 allows 8 cm CD singles to be played without an adaptor.

9 OTHER PLAYBACK MODES

- Press the MODE button during playback to switch the playback mode. To stop playback, press the Stop button (□).

(1) Repeating One Track Only ..... **Single Repeat**

- When the end of that track is reached, the pickup returns to the beginning of that track and the track is repeated.

(2) Repeating All Tracks ..... **All Repeat**

- When the end of the disc reached, the pickup returns to the beginning of the disc and the entire disc is repeated.

(3) Playing in Random Order ..... **Random Playback**

- After the current track is played, all the tracks on the disc are played in random order.

(4) Repeating in Random Order ..... **Random Repeat**

- After the current track is played, all the tracks on the disc are played in random order and repeated.

(5) Playing Specific Tracks in a Specific Order ..... **Programmed Playback**

- With this function, you can choose tracks to be played in a certain order.

(6) Repeating Specific Tracks in a Specific Order ..... **Programmed Repeat**

- With this function, you can choose tracks to be played and repeated in a certain order.

(7) Playing Specific Tracks in Random Order ..... **Random Programmed Playback**

- With this function, you can choose tracks to be played in random order.

(8) Repeating Specific Tracks in Random Order ..... **Random Programmed Repeat**

- With this function, you can choose tracks to be played and repeated in random order.

Press the MODE button again to resume normal playback.

- Pressing the MODE button and the SET button simultaneously sets the normal play mode.

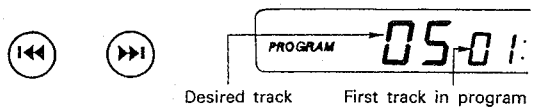
10 PROGRAMMED PLAYBACK

(1) Load a disc and press the PLAY/PAUSE button (▷II) to set the play mode.

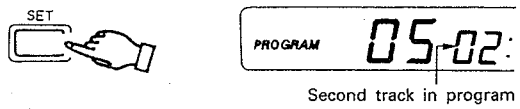
(2) Press the MODE button 5 times.

- The program, track number during play, and the play sequence (beginning with 01) will be displayed.

(3) Use the search buttons to find the desired track.

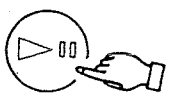


(4) Press the SET button.



(5) Repeat steps 1 and 2. (Up to 32 track can be programmed.)

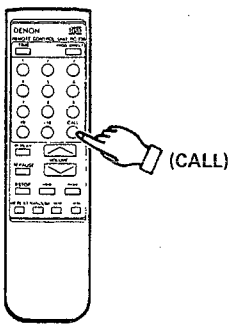
(6) Press the PLAY/PAUSE button (▷II) to start programmed playback.



- Pressing the MODE button and the SET button during the selection will delete all the programs and set the unit to the normal play mode.
- When 32 tracks have been selected the play sequence display returns to 01. Continuing to make selections in this condition will delete the contents that were initially stored and program the new tracks.
- Pressing the SET button when the track number display is at 00 will return the play sequence display to 01. Continuing to make inputs in this condition will delete the contents that were initially stored and program the new tracks.

Checking the Programmed Tracks

- Press the CALL button.
  The programmed track numbers appear in order on the display window each time this button is pressed.



11 OTHER FUNCTIONS

Time Displays

Normally, the elapsed time per track is displayed.

1 minute 17 seconds into the 5th track

To check the remaining time for that track, press the SET button once.

2 minutes 31 seconds remaining

To check the remaining time for the entire disc, press the SET button once again.

16 minutes 48 seconds remaining

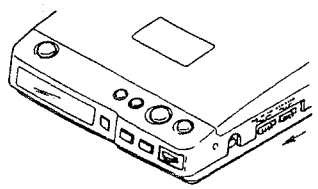
(This is not displayed during random playback.)

To return to the normal display, press the SET button again.

Accidental Operation Prevention Switch (HOLD/RESUME)

When the HOLD/RESUME switch is set to the HOLD position, buttons will not operate even when they are pressed, thus preventing the player from operating accidentally. The SET button, the OPEN button and the preset equalizer switch will function even when the HOLD/RESUME switch is set to the HOLD position.

- The remote control unit will function when the HOLD/RESUME switch is set to the HOLD position.

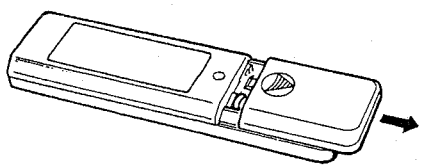


12 REMOTE CONTROL

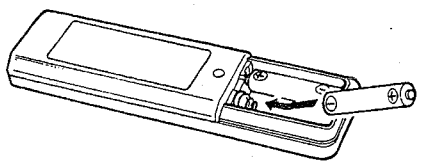
The DCP-150 can be controlled from a distance using the included remote control unit (RC-236).

(1) Inserting Batteries

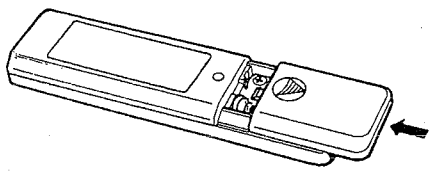
① Remove the lid on the back of the remote control unit.



② Insert two R6P/AA batteries, following the marks indicated inside.



③ Set the lid back in place.



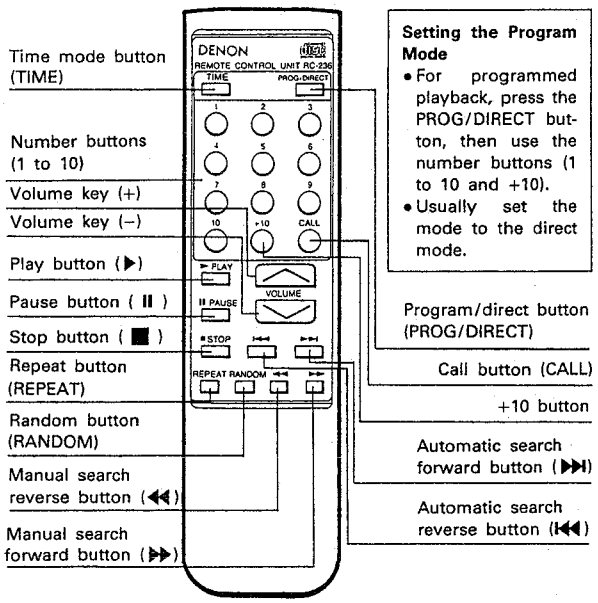
Listening from the position at which playback was last stopped .... Resume Play

When the HOLD/RESUME switch is set to the RESUME position and the PLAY/PAUSE button (▷II) is pressed in the stop mode, playback begins from the beginning of the track which was playing when the stop mode was last set.

- If the stop mode was set at the end of the disc, playback starts from the first track.
- If the stop mode was set near the very end of a track, playback may begin from the next track.
- If the lid has been opened and the disc changed, playback starts from the first track.
- In the resume play mode, there may be a slight delay from the time the PLAY/PAUSE button (▷II) is pressed until the sound starts.

Notes on Batteries (Remote control unit RC-236)

- Use R6P/AA batteries in the remote control unit.
- The batteries should be replaced about once each year, depending on how often the remote control unit is used.
- If the remote control unit stops functioning, replace the batteries, even if they have been used for less than a year.
- Set the batteries in the proper direction, following the marks on the inside of the remote control unit's battery case.
- To prevent damage or leakage from the battery:
  - Never use an old battery with a new one.
  - Never use two different types of batteries.
  - Do not short-circuit, take apart, or heat batteries, or expose them to flames.
- Remove the batteries when not using the remote control unit for long periods of time.
- If the batteries should leak, carefully wipe off the fluid from the inside of the battery case, then insert new batteries.



Setting the Program Mode

- For programmed playback, press the PROG/DIRECT button, then use the number buttons (1 to 10 and +10).
- Usually set the mode to the direct mode.

- **Direct Search**

  During normal playback, you can search for tracks directly simply by pressing the number buttons (1 to 10 and +10).

- **Programmed Playback**

  Press the PROG/DIRECT button then the number buttons (1 to 10 an +10).

  Ex.: PROG/DIRECT → 3 → +10, 1 → 5 ... (to program tracks 3, 11, 5 ...)

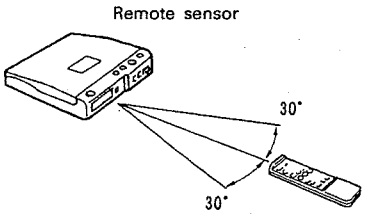
  To cancel the program, press the PROG/DIRECT button again.

- **Volume**
  The output level of the LINE OUT and headphones output jacks changes when the volume buttons are operated. Press the + button to increase the level, the — button to decrease it.
  When a volume button is operated, "–" is displayed in the minutes section of the display, and the level is displayed in the seconds section for approximately 5 seconds. 0 is the maximum, –30 the minimum. The volume changes in 30 steps of approximately 1dB per step.
  When using the player on batteries (AP-11), the output level is held for three minutes after the stop mode is set. After this, the output level will be set to the maximum when the PLAY/PAUSE button (▷II) is pressed, starting playback.
  When using the player with the AC adaptor (or separately sold car adaptor), the output level is kept at the same level after the stop mode is set.
  This volume can only be controlled by remote control, so set the volume to the desired level before moving the set to a place with no remote control. However, when using the set on batteries alone, if the PLAY/PAUSE button (▷II) is pressed over 3 minutes after the stop mode was set, the output level is automatically set to the maximum level.

Notes on Use:
- Do not press buttons on the DCP-150 and on the remote control unit simultaneously, as this may result in malfunction.
- Remote control operation may not be possible if the remote sensor is exposed to direct sunlight or strong artificial light.

- **Using the Number Buttons**
  To set tracks 1 to 10, simply press the corresponding number button.
  To set tracks 11 or over, use the +10 button and the number buttons.
  Ex.: To set track number 22, press the +10 button twice, then press 2.

(2) Operation
- Point the remote control unit at the remote sensor on the DCP-150, as shown in the diagram.



- The remote control unit will function from a straight distance of approximately 8 meters from the DCP-150. This distance will be shortened, however, if there are obstacles in the way or when operating from an angle.

- The buttons on the remote control unit have the same functions as the corresponding buttons on the DCP-150.
- When using this player on batteries, the remote control unit will stop functioning three minutes after the stop mode is set and the power is turned off.
  To turn the power back on, press the PLAY/PAUSE button (▷II) on the main unit.

13 TROUBLESHOOTING

If you should think there is a problem with the player, first check the following:

Playback does not start.
- Is the HOLD/RESUME switch set in the HOLD direction? ..... See page 14
- Is the disc dirty or scratched? ..... See page 8
- Are the batteries charged? ..... See page 8
- Is the AC power adaptor disconnected?
- Is the cover open?
- Is the car adaptor disconnected?

No sound is produced or sound is distorted.
- Are the headphones plugged securely into the PHONES jack? ..... See page 7
- Is the volume control adjusted properly? ..... See page 7
- Is the output cord properly connected to the amplifier? ..... See page 8
- Are the controls and switches on the amplifier at the proper positions? ..... See page 8

Programmed playback does not work.
- Have you followed the proper procedure? ..... See page 13

Remote control unit does not function properly.
- Are the batteries dead? ..... See page 8, 9
- Is the remote control unit too far away? ..... See page 16
- Have 3 minutes passed since the stop mode was set when using the unit on batteries? ..... See page 16

Playback does not start from track 1.
- Is the HOLD/RESUME switch set to the RESUME position? ..... See page 14

CAUTION
Note that when using this player on batteries, the output level is set to the maximum when the PLAY/PAUSE button (▷II) is pressed more than three minutes after the stop mode was set.

CAUTION
- Do not play discs with the player strapped over your shoulder or when the player is otherwise subject to vibrations.
- Remove batteries when not using them for long periods of time. Also note that batteries cannot be recharged once they are totally dead.